

**IN THE CLAIMS**

Please amend the claims as follows.

1-9. (Canceled)

10. (Previously presented) A vector comprising the nucleic acid of claim 41.

11. (Previously presented) The vector of claim 10, wherein said vector is an expression vector.

12. (Previously presented) The vector of claim 10 that is a prokaryotic vector.

13. (Previously presented) The vector of claim 10 that is a eukaryotic vector.

14. (Previously presented) A host cell comprising the vector of claim 10.

15. (Previously presented) A host cell of claim 14 that is a prokaryotic cell.

16. (Previously presented) A host cell of claim 14 that is a eukaryotic cell.

17-40. (Canceled)

41. (Previously Presented) An isolated nucleic acid comprising a nucleotide sequence selected from the group consisting of:

- (a) a nucleotide sequence as set forth in SEQ ID NO: 2;
- (b) a nucleotide sequence encoding the polypeptide as set forth in SEQ ID NO: 7;
- (c) a nucleotide sequence complementary to (a) or (b).

**42-47. (Canceled)**

**48.** (Previously presented) A process of producing a peripheral-type benzodiazepine-associated protein (PAP) comprising culturing the host cell of either claim 15 or 16 under suitable conditions to express a peripheral-type benzodiazepine-associated protein-7 (PAP7) encoded by the nucleic acid.

**49.** (Previously presented) The process of claim 48, wherein the vector further comprises a heterologous promoter operatively linked to the nucleotide sequence encoding the peripheral-type benzodiazepine-associated protein-7 (PAP7) polypeptide.

**50.** (Previously presented) A reagent comprising a nucleic acid of claim 41, wherein the nucleic acid is detectably labeled.

**51.** (Previously presented) A reagent comprising a single-stranded nucleic acid of claim 41, wherein the nucleic acid is complementary and is detectably labeled.

**52.** (Previously presented) A reagent comprising a single-stranded nucleic acid of claim 41, wherein the nucleic acid amplifies peripheral-type benzodiazepine-receptor-associated protein-7 (PAP7) sequences.

**53-82. (Canceled)**